Cubase • SX/SL — Feature Comparison Chart

Feature	Cubase SL	Cubase SX
Native audio – no additional DSP hardware required	●	●
Simultaneous playback of hundreds of audio tracks	●	●
Unlimited number of MIDI tracks	●	●
Physical Inputs/Outputs	128	256
Inserts	5	8
Group channels	128	256
FX channels	8	64
VST Instrument Slots	16	64
MIDI insert plugins	4	4
Rewire 2 support	●	●
Adaptive and configurable track mixer	–	●
Number of mixer views	2	3
Extended Mixer view	–	●
Automation modes	touch fader	touch fader, x-over, autlatch, trim, overwrite
New VST 2.3 audio engine	●	●
Surround: True multichannel audio path	–	●
24-bit/96 kHz audio resolution	●	●
32-bit floating point audio resolution	●	●
Unlimited Undo and Redo functions	●	●
Offline Process History	for built-in audio processes	for built-in audioprocesses and all plug-ins
VST System Link	●	●
New Look & Feel	●	●
Configurable Toolbar & Track Controls	●	●
VST Connections Window	●	●
User-Definable window layouts	●	●
Project Browser	●	●
FX Return Channels	●	●
Video Thumbnail track and preview	●	●
Recording Modes: Mix, Overwrite, Normal, Merge, Stacked	●	●
Editors: Key, Drum, List, SysEx, Score	●	●
Logical Editor	●	●
Audio/Tempo analysis and Audio/Groove analysis	●	●
Slice & Stretch for audio loops, automatic tempo matching	●	●
Professional Score layout and printing functions	–	●
Improved handling of multiple parts (audio and MIDI)	●	●
Musical Timebase	●	●
Linear Timebase	●	●
Soft Quantize	●	●
Time Warp Tool	●	●
Spectral Analysis	–	●
Statistics functions	–	●
Pitch Shifting/Time Stretching algorithm	3 modes	3 modes plus MPEX
Dithering	Apogee UV22	Apogee UV22/UV22HR
User-definable macros	●	●
Pool import/export	●	●
Cubase VST 5.x song import	●	●
Freeze for VST Instruments	●	●
Hardware Controller Support	●	●
Supports LTB for high-precision MIDI Timing (w/ Midex 8)	●	●
MTC/MMC support	●	●
CD audio grabbing	●	●
Full MP3 Fraunhofer Encoding	available as additional upgrade	●
Windows Media WMA Pro surround encoding	–	●
A1, LM7, VB1 VST instruments included	●	●

PC

Required System
- Pentium® III / Athlon 800 MHz, 384 MB of free RAM
- Windows® 2000, Windows XP Home or XP Professional
- Windows MME compatible audio hardware
- ASIO compatible sound card recommended
- USB component connector required
- Display Resolution 1024 x 768 pixels

Recommended System
- Pentium IV / Athlon 1.4 GHz or faster, 512 MB RAM
- Display Resolution 1152 x 864 pixels, dual monitor setup

MAC

Required System
- PowerMac G4 867 MHz, 384 MB RAM
- Mac® OS X Version 10.2.5 or higher
- CoreAudio compatible audio hardware
- USB-component connector required
- Display Resolution 1024 x 768 pixels

Recommended System
- PowerMac G4 1,25 GHz or faster, 512 MB RAM
- Display Resolution 1152 x 864 pixels, dual monitor setup

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